

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Li-Shiang Liang, et al.  
Serial No.: Not yet assigned  
Confirm. No.: Not yet assigned  
Filing Date: Herewith  
Title: ELECTRODEIONIZATION APPARATUS AND METHOD  
Art Unit: Not yet assigned

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Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PRELIMINARY AMENDMENT**

Prior to examination, kindly amend the above-identified application as follows.

**In the Claims**

Applicants have submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please cancel claims 1-34, 59-60, 64-66, and 76-92, without prejudice or disclaimer.

1-34. Cancelled.

35. (Original) A method of purifying water comprising:
- applying an electric field to an electrodeionization apparatus, the electrodeionization apparatus comprising a cation exchange layer, an anion exchange layer and a mixed ion exchange layer;
  - passing a first fluid through the cation exchange layer to produce a second fluid;
  - adjusting the pH of the second fluid by passing the second fluid through the anion exchange layer to produce a third fluid; and
  - passing the third fluid through the mixed ion exchange layer.